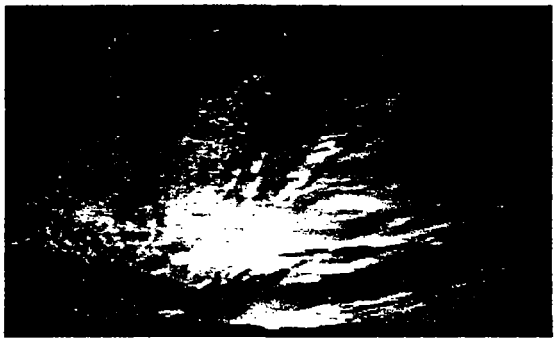
The English Company



Limited Sub-Surface Investigation

For the project address:

319 E. Illinois Street
Chicago, Illinois

Prepared for:

Pullman Bank
1000 E. 111th Street
Chicago, Il. 60628

July 25, 2002
(project #500-377)

The English Company, 1951 Hampton Drive, Wheaton, Il. 60187 (630) 260-8099/ fax: (630) 260-8568

LIMITED SUBSURFACE INVESTIGATION

Property Address:

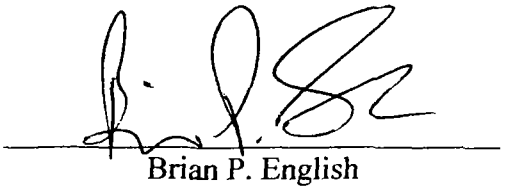
319 E. Illinois Street
Chicago, Illinois

Prepared for:

Pullman Bank & Trust
100 E. 111th Street
Chicago, Illinois 60628

Prepared by:

The English Company
1951 Hampton Drive
Wheaton, Illinois 60187



Brian P. English
Partner

Project Number
500-335

July 25, 2002

The English Company

1951 Hampton Drive
Wheaton, Illinois 60187

Phone: 630-260-8099
Fax: 630-260-8568

July 25, 2002

Mr. Dave Larson
Pullman Bank & Trust
100 E. 111th Street
Chicago, Illinois 60628

Re: LIMITED SUBSURFACE INVESTIGATION
319 E. ILLINOIS STREET, CHICAGO, ILLINOIS

Mr. Larson:

The English Company is pleased to present the following report documenting the methods and results of the Limited Subsurface Investigation performed at the above referenced property. The report includes field screening observations and laboratory results of samples collected during the course of the on site investigation.

Thank you for this opportunity to be of service to you. Should you have any questions please call us at (630) 260-8099.

Very truly yours,

THE ENGLISH COMPANY

Brian P. English
Partner

enclosures

TABLE OF CONTENTS

FIGURE

APPENDICES

1.0 GENERAL

This report presents the methodology, findings and conclusions of the Limited Subsurface Investigation conducted at 319 E. Illinois Street, Chicago, Illinois (the Property).

1.1 Authorization

The English Company (TEC) was authorized by Mr. Dave Larson of Pullman Bank & Trust to perform a limited subsurface investigation in response to the conclusions and recommendations made in the Phase I Environmental Assessment performed by STS Consultants, Ltd. dated April 12, 1994.

1.2 Purpose

The purpose of the Limited Subsurface Investigation was to determine if predominant contaminants of concern associated with hazardous substances and/or petroleum are present in historical material (Chicago Fire debris) used to fill the property. These contaminants were thought to possible be present in the fill material on the site either from sites where the fill material originated from, or from the LUST and railroad properties adjacent to the Property.

2.0 SAMPLING PROCEDURE

TEC subcontracted with EPS Environmental services to perform drilling, engineering and laboratory services on this project. Under the direction of Mr. Samuel Bodine, Senior Project Manager, a total of four soil borings (GP-1 through GP-4) were conducted at select locations on the Property. The soil boring locations are depicted in Figure 1 - Boring Location Map, following the text of this report.

2.1 Field Activities

Soil borings were conducted following ASTM-recommended practices for continuous thin wall probe sampling. A truck-mounted, hydraulically-powered percussion/probing device (Geoprobe®) was used to advance a two-inch diameter steel drive point to the top of the desired sampling interval. Soil samples were collected in 48-inch intervals by advancing two-inch diameter steel thin-wall probe samplers. The samplers were attached to the leading end of the extension probe rods, and driven downward until the desired target depths were reached. After the desired sampling interval was obtained, the assembly was extracted, opened and the samples were collected.

The borings were advanced 16 feet below ground surface (bgs). Four soil samples were collected from each soil boring (see Geologic Boring Logs, Appendix A). Triplicate soil samples were collected from each sampling interval. One of the triplicate samples was placed into an airtight plastic bag for field screening, the second sample was placed into a glass jar and sealed with a Teflon-lined plastic lid, allowing no head space, and the third sample was placed into pre-weighed 40 milliliter vials and preserved with methanol or sodium bisulfate, for possible laboratory analysis.

All soil samples were examined for visual signs of contamination and for the presence of unusual odors. Soil samples in airtight plastic bags were allowed to equilibrate to 70° Fahrenheit for approximately 10 minutes. Headspace in each sample bag was then screened with a flame-ionization detector (FID) and the screening results recorded on Geological Boring Logs (Appendix A). The FID records total concentrations of organic vapors; however, the instrument does not differentiate between types of organic compounds.

All downhole sampling equipment was cleaned with water and non-alkaline soap between each sampling event. This procedure was used to minimize the possibility of cross contamination. After sampling was complete, all boreholes were properly abandoned with hydrated bentonite pellets and concrete or asphalt patch.

2.2 Field Observations

FID screening results ranged from zero to 100 parts per million (PPM). Black stained fill material and petroleum hydrocarbon odors were noted in boring GP-2 at 12 feet bgs. No other visual or olfactory signs of petroleum hydrocarbon contamination were noted in the soil samples obtained from the remaining borings. FID screening results are included on the Geological Boring Logs (Appendix A).

3.0 PHYSICAL SETTING

3.1 Topography

According to the Chicago Loop Quadrangle map, the general topography of the Property displays an approximate ten-foot decrease in elevation within 2,400 feet east of the Property in the direction of Lake Michigan.

3.2 Soils

According to the ISGS Circular #460, Surficial Geology of the Chicago Region, the Property is located on area classified as "Made" Land. This classification refers to man-made fill; and comprises areas formerly covered by Lake Michigan and Lake Calumet; largely sand in areas bordering Lake Michigan and rubbish in areas bordering Lake Calumet.

Based on ISGS Circular #532, Potential for Contamination of Shallow Aquifers from Land Burial of Municipal Waste, the Property is located within the rating area of M. The rating denotes the capacities of earth material to accept, transmit, restrict or remove contaminants from waste effluent. In general, an M rating area contains man-made lands.

3.3 Geologic Profile

Based on soil borings conducted, the general geologic profile of the subject property consists of eight to 12 feet of miscellaneous fill material consisting of broken brick, broken concrete, sand, clay and gravel underlain by wet sand to the maximum boring depth of 16 feet below grade. The geologic profile of the soils encountered appeared to be consistent with those published by the ISGS.

4.0 LABORATORY ANALYSIS

4.1 Analytical Program

Based on field screening results and observations, one representative soil samples from each boring (GP-1/4', GP-2/12', GP-3/8', and GP-4/6') was submitted for laboratory analysis. Soil samples were obtained as previously described, chilled and transported under chain of custody to Environmental Monitoring and Technologies, Inc. of Morton Grove, Illinois. The soil samples were analyzed for polynuclear aromatic hydrocarbons (PNAs), volatile organic compounds (VOCs), pH and total Resource Conservation and Recovery Act (RCRA) metals, predominant contaminants of concern associated with hazardous substances and petroleum. In addition, toxicity characteristic leaching procedure (TCLP) analysis was conducted on soil sample GP-2/12' to determine whether the fill material would be considered hazardous under RCRA. All analyses were performed in accordance with SW-846, *Test Methods for Evaluating Solid Waste*, using appropriate USEPA methodology. See appendix B for Chain of Custody Record.

4.2 Evaluation of Laboratory Results

To assess potential detrimental environmental impacts, the Illinois Environmental Protection Agency (IEPA) Tiered Approach to Corrective Action Objectives (TACO) Tier 1 soil remediation objective (SRO) values were used as a guideline for qualifying the concerns associated with soil contamination. SROs are numerical concentrations of goals for contaminated soil. The Tier 1 SROs are further separated into two objectives dependent on intended land use (either residential or commercial/industrial). The TACO SROs apply to sites where the IEPA has requested or forced remedial actions, or to sites where voluntary cleanups have been initiated under IEPA supervision.

To apply TACO Tier 1 SROs, three exposure routes must be addressed: ingestion, inhalation, and potential to contaminate groundwater. The ingestion exposure route applies to contaminant concentrations above TACO Tier 1 SROs within the first three feet below the land surface. The inhalation exposure route applies to contaminant concentrations above TACO Tier 1 SROs within the first ten feet below land surface. The potential to contaminate groundwater is further separated into two objectives dependent on Class I or Class II groundwater designation. The IEPA generally will take a more conservative approach by assuming Class I groundwater to be present, unless otherwise documented.

Subpart C of TACO allows for exclusion of exposure pathways (e.g., preventing potential human health exposure). According to TACO guidelines, to eliminate the inhalation and/or ingestion exposure routes, and engineering barrier (i.e., asphalt, concrete, or three feet of clean, compacted clay) may be used to cover affected areas of the Property. An engineering barrier, as defined by TACO, limits exposure (e.g., "cutting off" the route) and/or controls migration of contaminants. Moreover, the groundwater ingestion exposure route may be eliminated if favorable soil underlies the Property or by restricting the use of potable consumption of groundwater.

It should be noted, according to TACO (35 Administrative Code part 742.305), no exposure route shall be excluded from consideration relative to a contaminant of concern if hazardous levels of contaminants are present.

4.3 Analytical Results

Analyses conducted on representative soil samples identified varying concentrations of various VOCs above laboratory reporting limits; however, the concentrations were below Tier 1 SROs. As such, Property soil has not been significantly impacted by VOCs; no further discussion regarding VOC impacted soil is necessary.

Analyses conducted on representative soil samples identified varying concentrations of various PNA compounds above Tier 1 SROs for residential land use. See below for further discussion.

Analyses conducted on representative soil samples identified varying concentrations of various RCRA metals above laboratory detection limits. The concentrations of various metals detected are within those in background soils within Metropolitan areas, with the exception of lead. The concentrations of lead in soil sample GP-2/12' was above Tier 1 SROs; and is considered hazardous by characteristic. See below for further discussion.

The pH of soil samples were within levels of native surrounding soil.

5.0 CONCLUSION

The purpose of the Limited Subsurface Investigation was to determine if predominant contaminants of concern associated with hazardous substances and/or petroleum are present in historical material (Chicago Fire debris) used to fill the property. These contaminants were thought to possible be present in the fill material on the site either from sites where the fill material originated from, or from the LUST and railroad properties adjacent to the Property. A total of four soil borings were advanced at select locations on the Property. Black stained fill material and petroleum hydrocarbon odors were noted in boring GP-2 at 12 feet below ground surface (bgs). No visual or olfactory signs of contaminated fill material or native soil were observed in the remaining borings. Based on field screening results and observations, one representative soil sample from each boring (GP-1/4', GP-2/12', GP-3/8', and GP-4/6') was submitted for polynuclear aromatic hydrocarbons (PNAs), volatile organic compounds (VOCs), pH and total Resource Conservation and Recovery Act (RCRA) metals, predominant contaminants of concern associated with hazardous substances and petroleum. In addition, toxicity characteristic leaching procedure (TCLP) analysis was conducted on soil sample GP-2/12' to determine whether the fill material would be considered hazardous under RCRA.

Analyses conducted on the representative soil samples identified varying concentrations of various PNA compounds and RCRA metals above the Illinois Environmental Protection Agency (IEPA) Tiered Approach to Corrective Action Objectives (TACO) Tier 1 soil remediation values for residential land use. Moreover, hazardous concentrations of lead were identified in Property soil.

Discussion

As previously mentioned, Subpart C of TACO allows for exclusion of exposure pathways (e.g., preventing potential human exposure). However, according to 35 Illinois Administrative Code Part 742, soil exhibiting hazardous characteristics must be remedied prior to exclusion of exposure pathways. According to TACO guidelines, once the lead contaminated soil is remediated, to eliminated the ingestion exposure route, an engineering barrier (i.e., asphalt, concrete, or three feet of clean, compacted clay) may be used to cover affected areas of the Property. An engineering barrier, as defined by TACO, limits exposure (e.g., "cutting off" the route) and/or controls migration of contaminants. Moreover, the groundwater exposure route may be excluded by the existing memorandum of understanding between the IEPA and the City of Chicago that prohibits the use of groundwater within the City limits (an institutional control). It should be noted; TACO requires any soil with concentrations of contaminants above Tier 1 SROs requiring removal from the Property be disposed at a facility licensed to accept such waste.

The following discussions are for each exposure route with contaminants of concern in Property soil above Tier 1 SROs from residential land use/Class I groundwater.

Ingestion Exposure Route

Analyses conducted on representative soil samples identified varying concentrations of various PNA compounds and lead above Tier 1 SROs for the ingestion pathway (potential for human exposure). The concentration of lead in sample GP-2/12' is considered hazardous by characteristic and above the ingestion and potential impact to groundwater exposure route. Once Property soil contaminated with hazardous concentrations of lead is remediated, an engineering barrier(s) would be required to prevent human ingestion to remaining PNA and lead contaminated soil.

It should be noted, PNAs are commonly associated with heavier petroleum distillates including asphalt, roofing tar, fuel oil, and coal tars. As the area where the Chicago Fire of 1871 occurred included the property, it is probable the Property was initially rebuilt over fill and debris generated by the Fire. Moreover, it has been documented that higher than normal concentrations of PNAs exist in downtown Chicago fill soils (Berggren et al, 1991).

LEAD ALSO

Groundwater Exposure Route

Varying concentrations of various PNAs were identified above Tier 1 soil component of the groundwater ingestion route. In addition, the concentration of lead in sample GP-2/12' is considered hazardous by characteristic and above the soil component of the groundwater ingestion exposure route. According to 35 Illinois Administrative Code Part 742, Property soil with hazardous concentrations of lead must be remediated prior to eliminating the groundwater exposure route by the existing memorandum of understanding between the IEPA and the City of Chicago that prohibits the use of groundwater with the City limits (an institutional control). Additional testing would be necessary to delineate the extent of Property soil with hazardous concentrations of lead requiring remediation.

Additional Considerations

It should be noted, under IEPA supervision, if an engineering barrier is used, it must be accompanied by institutional controls, legal mechanisms for imposing restrictions and conditions on land use, necessary when remaining contaminants pose a risk to human health and/or the environment. Moreover, TACO guidelines require Property owners/operators employing an engineering barrier to; 1) maintain a scaled map delineating the horizontal extent of soil above Tier 1 SROs; 2) provide written procedures for maintenance of the barrier(s); 3) develop a construction work plan for subgrade work (e.g., utility installation/repair), including a written worker protection plan (made available to outside contractors); and 4) file a Preventative Institutional Control (Environmental Notice) with the Cook County Recorder of Deeds identifying the type of contaminants present, and delineating the extent of impacted areas.

Should future construction activities or subgrade utility work involve excavation and off-site disposal of contaminated soil from the Property, any impacted soil above TACO Tier 1 levels should be properly disposed at a facility licensed to accept such waste, according to applicable federal, state and local laws and regulations.

Summary

In summary, the major environmental concern with the Property is the presence of hazardous concentrations of lead in Property soil. According to TACO guidelines, Property soil with hazardous concentrations of lead must be remediated prior to eliminating the groundwater/ingestion exposure route. Further testing is necessary to delineate soil with hazardous concentrations of lead. Moreover, any soil with concentrations of contaminants above Tier 1 SROs requiring removal from the property must be disposed at a facility licensed to accept such waste.

6.0 WARRANTY AND LIMITATIONS OF LIABILITY

TEC's Limited Subsurface Investigation was of limited scope. The Limited Subsurface Investigation was structured to screen for the presence of petroleum soil contamination in the area in which the borings were conducted, and was not intended to be an all inclusive search for soil contamination across the subject property. However, the limited subsurface investigation can provide an indication of the presence or absence of those contaminants sampled and analyzed for at the sample locations, at the time the samples were obtained in the sampled media.

TEC warrants that the findings and conclusions contained in this report have been promulgated in accordance with generally accepted environmental engineering methods. These environmental methods have been developed to provide the Client with information regarding apparent indications of existing or potential environmental conditions relating to the soils and are limited to the conditions observed at the time that the limited subsurface investigation was conducted. This report is also limited to the information available at the time it was prepared. There is a distinct possibility that conditions may exist at the subject

property which were not apparent during the limited subsurface investigation. TEC makes no other warranties, expressed or implied.

6.1 Confidentiality

TEC shall hold all field observations, borings, logs, analysis, laboratory reports and other reports in strict confidence and shall not disclose these items except to the Client, or except as ordered by any state or federal agency or court of law. In the event that TEC is ordered by a state or federal agency or court of law to make any such disclosures, the Client shall hold TEC harmless from liability for any and all damages that the Client may suffer due to TECs disclosure. In addition, the client shall indemnify TEC from any and all damages TEC may suffer due to any action which results in an order that TEC make a disclosure.

6.2 Reliance on Limited Subsurface Investigation Report

The limited subsurface investigation and report has been conducted exclusively for the Client and it is intended that only those parties will rely on the report. The limited subsurface investigation and report will be solely for the benefit of the Client and may not be relied upon by other parties.

FIGURE 1

Boring Location Map

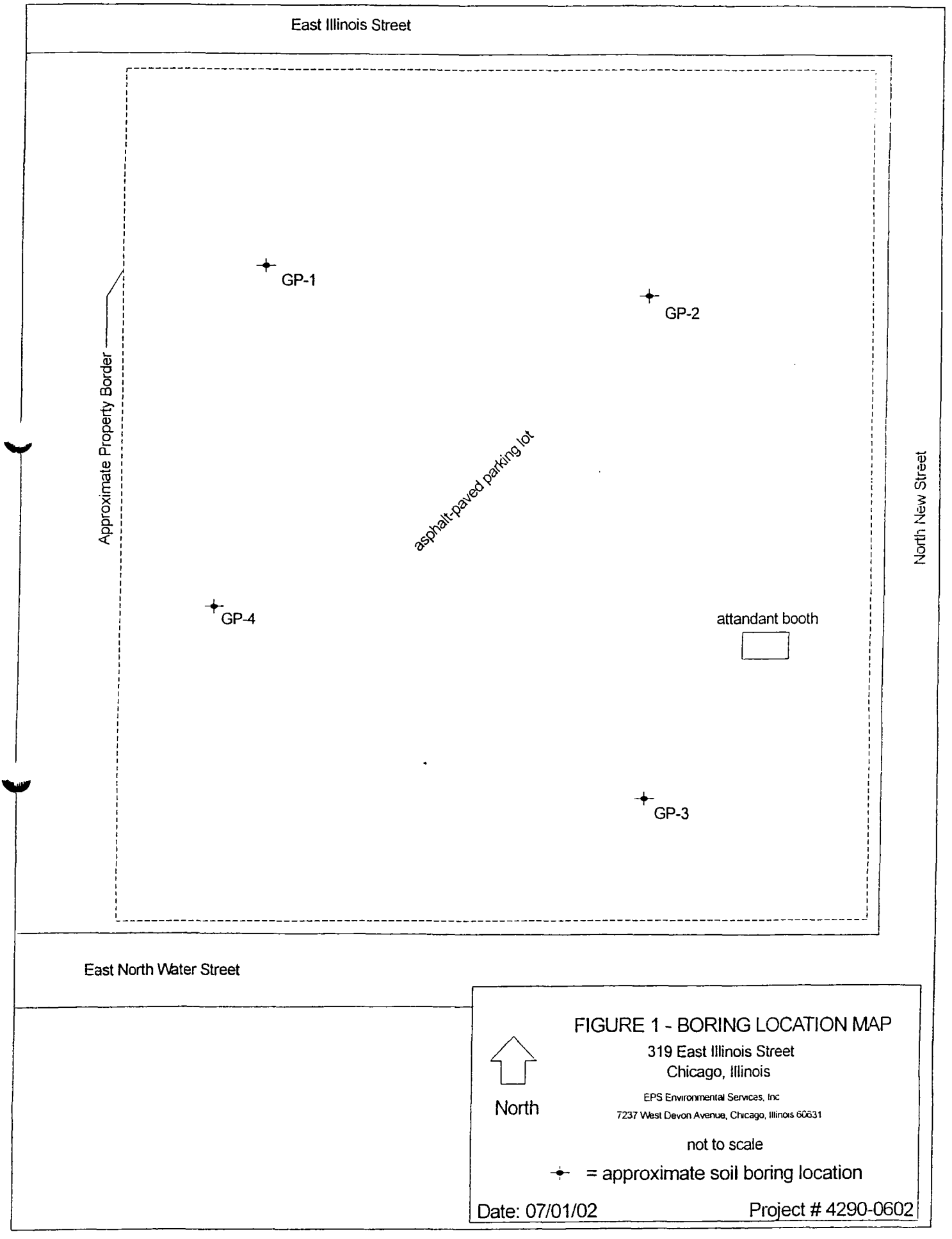


FIGURE 1 - BORING LOCATION MAP

319 East Illinois Street
Chicago, Illinois

EPS Environmental Services, Inc
7237 West Devon Avenue, Chicago, Illinois 60631

not to scale

+ = approximate soil boring location

Date: 07/01/02 Project # 4290-0602

APPENDIX A

Geologic Boring Logs

EPS ENVIRONMENTAL SERVICES, INC.
GEOLOGIC BORING LOG

Project Address: 319 East Illinois Street, Chicago, Illinois
Project # 4290-0602, Engineer/Geologist: Samuel T. Bodine
Weather Condition: Dry X Wet ____ Snow ____ Temp 90
Boring # GP-1 Date: 07/01/02 Time: 1309 Location: See Boring Location Map

DESCRIPTION OF SOILS	DEPTH	SAMPLE	FID-PPM	ODOR
Asphalt FILL (brick, sand, clay gravel)	- -2 - -4 - -6 -	GP-1/4'	9	None
Fine brown SAND, moist	-8 - -10 - -12 - -14 -		0 9	None None
	-16		0	None
Total Depth: 16 feet below ground surface (bgs) Rig: Geoprobe Sampler Type: 1.75" Clear plastic sleeves	- -18			

EPS ENVIRONMENTAL SERVICES, INC.
GEOLOGIC BORING LOG

Project Address: 319 East Illinois Street, Chicago, Illinois
Project # 4290-0602, Engineer/Geologist: Samuel T. Bodine
Weather Condition: Dry X Wet ____ Snow ____ Temp 90
Boring # GP-2 Date: 07/01/02 Time: 1349 Location: See Boring Location Map

DESCRIPTION OF SOILS	DEPTH	SAMPLE	FID-PPM	ODOR
Asphalt FILL (brick, sand, clay gravel)	- -2 - -4 - -6 - -8 - -10 -		30 0	None None
Black staining	-12	GP-2/12'	100	Petroleum odor
Fine brown SAND, moist	- -14 - -16		0	None
Total Depth: 16 feet below ground surface (bgs) Rig: Geoprobe Sampler Type: 1.75" Clear plastic sleeves	- -18			

EPS ENVIRONMENTAL SERVICES, INC.
GEOLOGIC BORING LOG

Project Address:319 East Illinois Street, Chicago, Illinois
Project # 4290-0602, Engineer/Geologist: Samuel T. Bodine
Weather Condition: Dry X Wet____ Snow____ Temp 90
Boring # GP-3 Date: 07/01/02 Time: 1430 Location: See Boring Location Map

DESCRIPTION OF SOILS	DEPTH	SAMPLE	FID-PPM	ODOR
Asphalt FILL (brick, sand, clay gravel)	-			
	-2			
	-			
	-4		8	None
	-			
	-6			
	-			
	-8	GP-3/8'	20	None
	-			
	-10			
	-			
	-12		0	None
	-			
Fine brown SAND, moist	-14			
	-			
	-16		0	None
Total Depth: 16 feet below ground surface (bgs) Rig: Geoprobe Sampler Type: 1.75" Clear plastic sleeves	-			
	-18			

EPS ENVIRONMENTAL SERVICES, INC.
GEOLOGIC BORING LOG

Project Address: 319 East Illinois Street, Chicago, Illinois
Project # 4290-0602, Engineer/Geologist: Samuel T. Bodine
Weather Condition: Dry X Wet ____ Snow ____ Temp 90
Boring # GP-4 Date: 07/01/02 Time: 1525 Location: See Boring Location Map

DESCRIPTION OF SOILS	DEPTH	SAMPLE	FID-PPM	ODOR
Asphalt FILL (brick, sand, clay gravel)	- -2 - -4 - -6 - -8	GP-4/6'	100	None
Fine brown SAND, moist	- -10 - -12 - -14 - -16		0 0	None None
Total Depth: 16 feet below ground surface (bgs) Rig: Geoprobe Sampler Type: 1.75" Clear plastic sleeves	- -18			

Sam Bodine
EPS Environmental Services
7237 W. Devon Avenue
Chicago, IL 60631

July 19, 2002

RE: 319 E Illinois St., Chgo / 4290-0602

Lab Orders:
02070064

Dear Sam Bodine:

Enclosed are the analytical reports for the EMT Lab Order listed. If you have any questions, please contact me at 847-967-6666 x 1322 or 847-967-9976.

Sincerely,

Arminta Priddy
Project Manager

Approved by,

Greg Denny
Operations Manager

State of Illinois Chemical Analysis in Drinking Water Accredited Lab. No. 100256
State of Wisconsin Wastewater and Hazardous Waste No. 999888890

APPENDIX B

Chain of Custody Record
Laboratory Analytical Data

CLIENT:	EPS Environmental Services	**Date:**	*19-Jul-02*
Project:	319 E Illinois St., Chgo / 4290-0602	**CASE NARRATIVE**	
Lab Order:	02070064		

Unless otherwise noted, samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

Unless otherwise noted, all method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

Sample results relate only to the analytes of interest tested and to the sample received at the laboratory.

All results are reported on a wet weight basis, unless otherwise noted. Dry weight adjusted results are indicated by the notation "dry" in the Units column.

Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated. For specific information regarding EMT's scope of accreditation, please contact your EMT project manager.

The Reporting Limit listed on the Report of Laboratory Analysis is EMT's reporting limit for the analyte reported. For most test methods this reporting limit is primarily based upon the lowest point in the calibration curve.

Method References:

SW=USEPA, Test Methods for Evaluating Solid Waste, SW-846.

E=USEPA Methods for the Determination of Inorganic Substances in Environmental Samples; Methods for Chemical Analysis of Water and Wastes; Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater, 40 CFR Part 136, App A; methods for the Determination of Metals in Environmental Samples; Methods for the Determination of Organic Compounds in Drinking Water.

SM= APHA, Standard Methods for the Examination of Water and Wastewater.

D=ASTM, Annual Book of Standards

CLIENT:	EPS Environmental Services	**Date:** *19-Jul-02*	
Project:	319 E Illinois St., Chgo / 4290-0602	**CASE NARRATIVE**	
Lab Order:	02070064		

Analytical Comments for METHOD 8260_S, E191010: The CCV target analytes outside the 80-120% recovery range are: 1,2-Dibromo-3-Chloropropane, 2-Butanone, Dichlorodifluoromethane, Vinyl Chloride.

Analytical Comments for METHOD 8260_S, LCS-10304: The LCS target analyte Dichlorodifluoromethane is outside the laboratory limits.

Analytical Comments for METHOD 8310_S, 02070064-02C: Surrogate recovery is outside of the laboratory acceptance range, due to surrogate co-elution with co-extracted materials.

Analytical Comments for METHOD 8310_S, 02070064-03C: Surrogate recovery is outside of the laboratory acceptance range due to the matrix effects.

Analytical Comments for METHOD 8310_S, LCS-10303: LCS recovery for Dibenz(a,h)anthracene is outside of the laboratory control limits.

Report of Laboratory Analysis

CLIENT:	EPS Environmental Services	**Client Sample ID:**	GP-1 @ 4'
Lab Order:	02070064	**Report Date:**	7/19/02
Project:	319 E Illinois St., Chgo / 4290-0602	**Collection Date:**	7/1/02
Lab ID:	02070064-01	**Matrix:**	Soil

Analyses	Result	EMT Reporting Limit		Units	Date Analyzed	Analyst
Corrosivity by pH		**Method:**	**SW9045C**			
pH	9.76			pH Units	7/3/02 11:53:17 AM	VT
Percent Moisture		**Method:**	**2540G**			
Percent Moisture	9.36	0.1	C	% (Percent)	7/3/02	RM2
ICP Metals Solids Total		**Method:**	**SW6010B**			
Barium	212.	0.357		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Cadmium	< 0.624	0.624		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Chromium	3.65	1.42		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Lead	19.9	3.75		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Silver	< 1.42	1.42		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Mercury in Solid		**Method:**	**SW7471A**			
Mercury	0.0993	0.0918		mg/Kg-dry	7/9/02	ES
Metals by GFAA Total		**Method:**	**SW7060A**			
Arsenic	3.12	0.843		mg/Kg-dry	7/8/02 12:39:56 PM	IG
Metals by GFAA Total		**Method:**	**SW7740**			
Selenium	1.44	0.502		mg/Kg-dry	7/8/02 3:06:20 PM	IG
Polynuclear Aromatic Hydrocarbons		**Method:**	**SW8310**			
Acenaphthene	0.355	0.0186		mg/Kg-dry	7/9/02	LBI
Acenaphthylene	< 0.0235	0.0235		mg/Kg-dry	7/9/02	LBI
Anthracene	0.725	0.0204		mg/Kg-dry	7/9/02	LBI
Benz(a)anthracene	1.04	0.0103		mg/Kg-dry	7/9/02	LBI
Benzo(a)pyrene	0.95	0.0212		mg/Kg-dry	7/9/02	LBI
Benzo(b)fluoranthene	0.874	0.0065		mg/Kg-dry	7/9/02	LBI
Benzo(g,h,i)perylene	0.639	0.011		mg/Kg-dry	7/9/02	LBI
Benzo(k)fluoranthene	0.455	0.00601		mg/Kg-dry	7/9/02	LBI
Chrysene	0.975	0.0103		mg/Kg-dry	7/9/02	LBI
Dibenz(a,h)anthracene	0.0997	0.00562		mg/Kg-dry	7/9/02	LBI
Fluoranthene	3.26	0.00732		mg/Kg-dry	7/9/02	LBI
Fluorene	0.637	0.0135		mg/Kg-dry	7/9/02	LBI
Indeno(1,2,3-cd)pyrene	0.479	0.00934		mg/Kg-dry	7/9/02	LBI
Naphthalene	0.646	0.0246		mg/Kg-dry	7/9/02	LBI
Phenanthrene	2.7	0.0188		mg/Kg-dry	7/9/02	LBI
Pyrene	2.72	0.0165		mg/Kg-dry	7/9/02	LBI
Surrogates:						
4-Terphenyl-d14	112	30-140		%REC	7/9/02	LBI
7,12-Dimethylbenz(a)anthracene	49.0	30-130		%REC	7/9/02	LBI

Qualifiers:

B - Analyte detected in the associated Method Blank
E - Estimated
H - Holding Time
C - Laboratory not accredited for this parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits

Report of Laboratory Analysis

CLIENT:	EPS Environmental Services	**Client Sample ID:**	GP-1 @ 4'
Lab Order:	02070064	**Report Date:**	7/19/02
Project:	319 E Illinois St., Chgo / 4290-0602	**Collection Date:**	7/1/02
Lab ID:	02070064-01	**Matrix:**	Soil

Analyses	Result	EMT Reporting Limit		Units	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS		**Method: SW8260B**				
1,1,1,2-Tetrachloroethane	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,1,1-Trichloroethane	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,1,2,2-Tetrachloroethane	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,1,2-Trichloroethane	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,1-Dichloroethane	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,1-Dichloroethene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,1-Dichloropropene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,2,3-Trichlorobenzene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,2,3-Trichloropropane	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,2,4-Trichlorobenzene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,2,4-Trimethylbenzene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,2-Dibromo-3-chloropropane	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,2-Dibromoethane	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,2-Dichlorobenzene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,2-Dichloroethane	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,2-Dichloropropane	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,3,5-Trimethylbenzene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,3-Dichlorobenzene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,3-Dichloropropane	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
1,4-Dichlorobenzene	< 0.00535	0.00535	C	mg/Kg-dry	7/9/02 1:48:00 PM	GO
2,2-Dichloropropane	< 0.00535	0.00535	C	mg/Kg-dry	7/9/02 1:48:00 PM	GO
2-Butanone	< 0.0535	0.0535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
2-Chlorotoluene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
2-Hexanone	< 0.0535	0.0535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
4-Chlorotoluene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
4-Isopropyltoluene	< 0.00535	0.00535	C	mg/Kg-dry	7/9/02 1:48:00 PM	GO
4-Methyl-2-pentanone	< 0.0535	0.0535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Acetone	< 0.128	0.128		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Benzene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Bromobenzene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Bromochloromethane	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Bromodichloromethane	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Bromoform	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Bromomethane	< 0.0107	0.0107		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Carbon disulfide	0.0758	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Carbon tetrachloride	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Chlorobenzene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO

Qualifiers:

B - Analyte detected in the associated Method Blank
E - Estimated
H - Holding Time
C - Laboratory not accredited for this parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
J - Analyte detected below quanititation limits

Report of Laboratory Analysis

CLIENT:	EPS Environmental Services	**Client Sample ID:**	GP-1 @ 4'
Lab Order:	02070064	**Report Date:**	7/19/02
Project:	319 E Illinois St., Chgo / 4290-0602	**Collection Date:**	7/1/02
Lab ID:	02070064-01	**Matrix:**	Soil

Analyses	Result	EMT Reporting Limit		Units	Date Analyzed	Analyst
Chloroethane	< 0.0107	0.0107		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Chloroform	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Chloromethane	< 0.0107	0.0107		mg/Kg-dry	7/9/02 1:48:00 PM	GO
cis-1,2-Dichloroethene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
cis-1,3-Dichloropropene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Dibromochloromethane	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Dibromomethane	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Dichlorodifluoromethane	< 0.0107	0.0107		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Ethylbenzene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Hexachlorobutadiene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Isopropylbenzene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
m,p-Xylene	< 0.0107	0.0107		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Methylene chloride	< 0.0107	0.0107		mg/Kg-dry	7/9/02 1:48:00 PM	GO
n-Butylbenzene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
n-Propylbenzene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Naphthalene	0.0141	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
o-Xylene	< 0.00535	0.00535	C	mg/Kg-dry	7/9/02 1:48:00 PM	GO
sec-Butylbenzene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Styrene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
tert-Butylbenzene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Tetrachloroethene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Toluene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
trans-1,2-Dichloroethene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
trans-1,3-Dichloropropene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Trichloroethene	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Trichlorofluoromethane	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Vinyl chloride	< 0.00535	0.00535		mg/Kg-dry	7/9/02 1:48:00 PM	GO
Surrogates:						
1,2-Dichloroethane-d4	106	66-126		%REC	7/9/02 1:48:00 PM	GO
4-Bromofluorobenzene	98.5	60-122		%REC	7/9/02 1:48:00 PM	GO
d4-1,2-Dichlorobenzene	88.2	66-121		%REC	7/9/02 1:48:00 PM	GO
Dibromofluoromethane	116	65-124		%REC	7/9/02 1:48:00 PM	GO
Fluorobenzene	93.4	65-134		%REC	7/9/02 1:48:00 PM	GO
Toluene-d8	94.2	65-131		%REC	7/9/02 1:48:00 PM	GO

Qualifiers:

B - Analyte detected in the associated Method Blank
E - Estimated
H - Holding Time
C - Laboratory not accredited for this parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
J - Analyte detected below quanititation limits

Report of Laboratory Analysis

CLIENT:	EPS Environmental Services	**Client Sample ID:**	GP-2 @ 12'
Lab Order:	02070064	**Report Date:**	7/19/02
Project:	319 E Illinois St., Chgo / 4290-0602	**Collection Date:**	7/1/02
Lab ID:	02070064-02	**Matrix:**	Soil

Analyses	Result	EMT Reporting Limit		Units	Date Analyzed	Analyst
Corrosivity by pH		**Method:**	**SW9045C**			
pH	7.7			pH Units	7/3/02 11:53:17 AM	VT
Percent Moisture		**Method:**	**2540G**			
Percent Moisture	23.2	0.1	C	% (Percent)	7/3/02	RM2
ICP Metals Solids Total		**Method:**	**SW6010B**			
Barium	568.	0.429		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Cadmium	2.71	0.752		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Chromium	12.8	1.71		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Lead	809.	9.02		mg/Kg-dry	7/8/02 1:34:27 PM	MLB
Silver	14.7	1.71		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Mercury in Solid		**Method:**	**SW7471A**			
Mercury	1.04	0.108		mg/Kg-dry	7/9/02	ES
Metals by GFAA Total		**Method:**	**SW7060A**			
Arsenic	11.5	0.394		mg/Kg-dry	7/8/02 12:39:56 PM	IG
Metals by GFAA Total		**Method:**	**SW7740**			
Selenium	0.776	0.587		mg/Kg-dry	7/8/02 3:06:20 PM	IG
Metals by GFAA, TCLP Extraction		**Method:**	**SW7421**			
Lead	8.57	0.16		mg/L	7/18/02 9:20:49 AM	IG
Polynuclear Aromatic Hydrocarbons		**Method:**	**SW8310**			
Acenaphthene	14.8	0.835		mg/Kg-dry	7/9/02	LBI
Acenaphthylene	0.521	0.0275		mg/Kg-dry	7/9/02	LBI
Acenaphthylene	< 1.06	1.06		mg/Kg-dry	7/9/02	LBI
Anthracene	23.1	0.918		mg/Kg-dry	7/9/02	LBI
Benz(a)anthracene	30.5	0.462		mg/Kg-dry	7/9/02	LBI
Benzo(a)pyrene	17.4	0.955		mg/Kg-dry	7/9/02	LBI
Benzo(b)fluoranthene	19.5	0.292		mg/Kg-dry	7/9/02	LBI
Benzo(g,h,i)perylene	8.35	0.496		mg/Kg-dry	7/9/02	LBI
Benzo(k)fluoranthene	9.64	0.27		mg/Kg-dry	7/9/02	LBI
Chrysene	26.3	0.464		mg/Kg-dry	7/9/02	LBI
Dibenz(a,h)anthracene	1.78	0.253		mg/Kg-dry	7/9/02	LBI
Fluoranthene	115	0.329		mg/Kg-dry	7/9/02	LBI
Fluorene	18.5	0.609		mg/Kg-dry	7/9/02	LBI
Indeno(1,2,3-cd)pyrene	6.38	0.42		mg/Kg-dry	7/9/02	LBI
Naphthalene	3.38	1.11		mg/Kg-dry	7/9/02	LBI
Phenanthrene	59	0.847		mg/Kg-dry	7/9/02	LBI
Pyrene	95.7	0.744		mg/Kg-dry	7/9/02	LBI
Surrogates:						
4-Terphenyl-d14	1,100	30-140	S	%REC	7/9/02	LBI
7,12-Dimethylbenz(a)anthracene	405	30-130	S	%REC	7/9/02	LBI

Qualifiers:

B - Analyte detected in the associated Method Blank
E - Estimated
H - Holding Time
C - Laboratory not accredited for this parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
J - Analyte detected below quanititation limits

Report of Laboratory Analysis

CLIENT:	EPS Environmental Services	**Client Sample ID:**	GP-2 @ 12'
Lab Order:	02070064	**Report Date:**	7/19/02
Project:	319 E Illinois St., Chgo / 4290-0602	**Collection Date:**	7/1/02
Lab ID:	02070064-02	**Matrix:**	Soil

Analyses	Result	EMT Reporting Limit		Units	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS		**Method: SW8260B**				
1,1,1,2-Tetrachloroethane	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,1,1-Trichloroethane	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,1,2,2-Tetrachloroethane	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,1,2-Trichloroethane	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,1-Dichloroethane	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,1-Dichloroethene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,1-Dichloropropene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,2,3-Trichlorobenzene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,2,3-Trichloropropane	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,2,4-Trichlorobenzene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,2,4-Trimethylbenzene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,2-Dibromo-3-chloropropane	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,2-Dibromoethane	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,2-Dichlorobenzene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,2-Dichloroethane	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,2-Dichloropropane	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,3,5-Trimethylbenzene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,3-Dichlorobenzene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,3-Dichloropropane	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
1,4-Dichlorobenzene	< 0.00574	0.00574	C	mg/Kg-dry	7/9/02 2:25:00 PM	GO
2,2-Dichloropropane	< 0.00574	0.00574	C	mg/Kg-dry	7/9/02 2:25:00 PM	GO
2-Butanone	< 0.0574	0.0574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
2-Chlorotoluene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
2-Hexanone	< 0.0574	0.0574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
4-Chlorotoluene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
4-Isopropyltoluene	< 0.00574	0.00574	C	mg/Kg-dry	7/9/02 2:25:00 PM	GO
4-Methyl-2-pentanone	< 0.0574	0.0574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Acetone	0.287	0.138		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Benzene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Bromobenzene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Bromochloromethane	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Bromodichloromethane	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Bromoform	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Bromomethane	< 0.0115	0.0115		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Carbon disulfide	0.0337	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Carbon tetrachloride	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Chlorobenzene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO

Qualifiers:

B - Analyte detected in the associated Method Blank
E - Estimated
H - Holding Time
C - Laboratory not accredited for this parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
J - Analyte detected below quanititation limits

Report of Laboratory Analysis

CLIENT:	EPS Environmental Services	**Client Sample ID:**	GP-2 @ 12'
Lab Order:	02070064	**Report Date:**	7/19/02
Project:	319 E Illinois St., Chgo / 4290-0602	**Collection Date:**	7/1/02
Lab ID:	02070064-02	**Matrix:**	Soil

Analyses	Result	EMT Reporting Limit		Units	Date Analyzed	Analyst
Chloroethane	< 0.0115	0.0115		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Chloroform	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Chloromethane	< 0.0115	0.0115		mg/Kg-dry	7/9/02 2:25:00 PM	GO
cis-1,2-Dichloroethene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
cis-1,3-Dichloropropene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Dibromochloromethane	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Dibromomethane	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Dichlorodifluoromethane	< 0.0115	0.0115		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Ethylbenzene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Hexachlorobutadiene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Isopropylbenzene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
m,p-Xylene	< 0.0115	0.0115		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Methylene chloride	< 0.0115	0.0115		mg/Kg-dry	7/9/02 2:25:00 PM	GO
n-Butylbenzene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
n-Propylbenzene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Naphthalene	0.0881	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
o-Xylene	< 0.00574	0.00574	C	mg/Kg-dry	7/9/02 2:25:00 PM	GO
sec-Butylbenzene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Styrene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
tert-Butylbenzene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Tetrachloroethene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Toluene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
trans-1,2-Dichloroethene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
trans-1,3-Dichloropropene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Trichloroethene	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Trichlorofluoromethane	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Vinyl chloride	< 0.00574	0.00574		mg/Kg-dry	7/9/02 2:25:00 PM	GO
Surrogates:						
1,2-Dichloroethane-d4	103	66-126		%REC	7/9/02 2:25:00 PM	GO
4-Bromofluorobenzene	119	60-122		%REC	7/9/02 2:25:00 PM	GO
d4-1,2-Dichlorobenzene	93.0	66-121		%REC	7/9/02 2:25:00 PM	GO
Dibromofluoromethane	99.4	65-124		%REC	7/9/02 2:25:00 PM	GO
Fluorobenzene	97.5	65-134		%REC	7/9/02 2:25:00 PM	GO
Toluene-d8	106	65-131		%REC	7/9/02 2:25:00 PM	GO

Qualifiers:

B - Analyte detected in the associated Method Blank
E - Estimated
H - Holding Time
C - Laboratory not accredited for this parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
J - Analyte detected below quanititation limits

Report of Laboratory Analysis

CLIENT:	EPS Environmental Services	**Client Sample ID:**	GP-3 @ 8'
Lab Order:	02070064	**Report Date:**	7/19/02
Project:	319 E Illinois St., Chgo / 4290-0602	**Collection Date:**	7/1/02
Lab ID:	02070064-03	**Matrix:**	Soil

Analyses	Result	EMT Reporting Limit		Units	Date Analyzed	Analyst
Corrosivity by pH		**Method:**	**SW9045C**			
pH	8.25			pH Units	7/3/02 11:53:17 AM	VT
Percent Moisture		**Method:**	**2540G**			
Percent Moisture	17.6	0.1	C	% (Percent)	7/3/02	RM2
ICP Metals Solids Total		**Method:**	**SW6010B**			
Barium	52.6	0.392		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Cadmium	< 0.687	0.687		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Chromium	3.66	1.57		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Lead	123.	4.12		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Silver	< 1.57	1.57		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Mercury in Solid		**Method:**	**SW7471A**			
Mercury	0.617	0.107		mg/Kg-dry	7/9/02	ES
Metals by GFAA Total		**Method:**	**SW7060A**			
Arsenic	12.1	0.928		mg/Kg-dry	7/8/02 12:39:56 PM	IG
Metals by GFAA Total		**Method:**	**SW7740**			
Selenium	0.941	0.552		mg/Kg-dry	7/8/02 3:06:20 PM	IG
Polynuclear Aromatic Hydrocarbons		**Method:**	**SW8310**			
Acenaphthene	0.195	0.0204		mg/Kg-dry	7/9/02	LBI
Acenaphthylene	< 0.0258	0.0258		mg/Kg-dry	7/9/02	LBI
Anthracene	0.827	0.0224		mg/Kg-dry	7/9/02	LBI
Benz(a)anthracene	2.28	0.0113		mg/Kg-dry	7/9/02	LBI
Benzo(a)pyrene	2.07	0.0233		mg/Kg-dry	7/9/02	LBI
Benzo(b)fluoranthene	2.4	0.00713		mg/Kg-dry	7/9/02	LBI
Benzo(g,h,i)perylene	1.47	0.0121		mg/Kg-dry	7/9/02	LBI
Benzo(k)fluoranthene	1.21	0.00659		mg/Kg-dry	7/9/02	LBI
Chrysene	2.4	0.0113		mg/Kg-dry	7/9/02	LBI
Dibenz(a,h)anthracene	0.327	0.00617		mg/Kg-dry	7/9/02	LBI
Fluoranthene	5.33	0.00803		mg/Kg-dry	7/9/02	LBI
Fluorene	0.265	0.0149		mg/Kg-dry	7/9/02	LBI
Indeno(1,2,3-cd)pyrene	1.08	0.0102		mg/Kg-dry	7/9/02	LBI
Naphthalene	0.16	0.027		mg/Kg-dry	7/9/02	LBI
Phenanthrene	3.12	0.0207		mg/Kg-dry	7/9/02	LBI
Pyrene	4.7	0.0182		mg/Kg-dry	7/9/02	LBI
Surrogates:						
4-Terphenyl-d14	101	30-140		%REC	7/9/02	LBI
7,12-Dimethylbenz(a)anthracene	26.2	30-130	S	%REC	7/9/02	LBI

Qualifiers:

B - Analyte detected in the associated Method Blank
E - Estimated
H - Holding Time
C - Laboratory not accredited for this parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits

Report of Laboratory Analysis

CLIENT:	EPS Environmental Services	**Client Sample ID:**	GP-3 @ 8'
Lab Order:	02070064	**Report Date:**	7/19/02
Project:	319 E Illinois St., Chgo / 4290-0602	**Collection Date:**	7/1/02
Lab ID:	02070064-03	**Matrix:**	Soil

Analyses	Result	EMT Reporting Limit		Units	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS		**Method: SW8260B**				
1,1,1,2-Tetrachloroethane	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,1,1-Trichloroethane	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,1,2,2-Tetrachloroethane	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,1,2-Trichloroethane	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,1-Dichloroethane	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,1-Dichloroethene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,1-Dichloropropene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,2,3-Trichlorobenzene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,2,3-Trichloropropane	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,2,4-Trichlorobenzene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,2,4-Trimethylbenzene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,2-Dibromo-3-chloropropane	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,2-Dibromoethane	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,2-Dichlorobenzene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,2-Dichloroethane	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,2-Dichloropropane	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,3,5-Trimethylbenzene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,3-Dichlorobenzene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,3-Dichloropropane	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
1,4-Dichlorobenzene	< 0.00544	0.00544	C	mg/Kg-dry	7/9/02 3:01:00 PM	GO
2,2-Dichloropropane	< 0.00544	0.00544	C	mg/Kg-dry	7/9/02 3:01:00 PM	GO
2-Butanone	< 0.0544	0.0544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
2-Chlorotoluene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
2-Hexanone	< 0.0544	0.0544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
4-Chlorotoluene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
4-Isopropyltoluene	< 0.00544	0.00544	C	mg/Kg-dry	7/9/02 3:01:00 PM	GO
4-Methyl-2-pentanone	< 0.0544	0.0544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Acetone	< 0.131	0.131		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Benzene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Bromobenzene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Bromochloromethane	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Bromodichloromethane	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Bromoform	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Bromomethane	< 0.0109	0.0109		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Carbon disulfide	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Carbon tetrachloride	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Chlorobenzene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO

Qualifiers:

B - Analyte detected in the associated Method Blank
E - Estimated
H - Holding Time
C - Laboratory not accredited for this parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits

Report of Laboratory Analysis

CLIENT:	EPS Environmental Services	**Client Sample ID:**	GP-3 @ 8'
Lab Order:	02070064	**Report Date:**	7/19/02
Project:	319 E Illinois St., Chgo / 4290-0602	**Collection Date:**	7/1/02
Lab ID:	02070064-03	**Matrix:**	Soil

Analyses	Result	EMT Reporting Limit		Units	Date Analyzed	Analyst
Chloroethane	< 0.0109	0.0109		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Chloroform	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Chloromethane	< 0.0109	0.0109		mg/Kg-dry	7/9/02 3:01:00 PM	GO
cis-1,2-Dichloroethene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
cis-1,3-Dichloropropene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Dibromochloromethane	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Dibromomethane	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Dichlorodifluoromethane	< 0.0109	0.0109		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Ethylbenzene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Hexachlorobutadiene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Isopropylbenzene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
m,p-Xylene	< 0.0109	0.0109		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Methylene chloride	< 0.0109	0.0109		mg/Kg-dry	7/9/02 3:01:00 PM	GO
n-Butylbenzene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
n-Propylbenzene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Naphthalene	0.0073	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
o-Xylene	< 0.00544	0.00544	C	mg/Kg-dry	7/9/02 3:01:00 PM	GO
sec-Butylbenzene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Styrene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
tert-Butylbenzene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Tetrachloroethene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Toluene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
trans-1,2-Dichloroethene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
trans-1,3-Dichloropropene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Trichloroethene	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Trichlorofluoromethane	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Vinyl chloride	< 0.00544	0.00544		mg/Kg-dry	7/9/02 3:01:00 PM	GO
Surrogates:						
1,2-Dichloroethane-d4	101	66-126		%REC	7/9/02 3:01:00 PM	GO
4-Bromofluorobenzene	96.7	60-122		%REC	7/9/02 3:01:00 PM	GO
d4-1,2-Dichlorobenzene	84.5	66-121		%REC	7/9/02 3:01:00 PM	GO
Dibromofluoromethane	96.9	65-124		%REC	7/9/02 3:01:00 PM	GO
Fluorobenzene	96.1	65-134		%REC	7/9/02 3:01:00 PM	GO
Toluene-d8	106	65-131		%REC	7/9/02 3:01:00 PM	GO

Qualifiers:

B - Analyte detected in the associated Method Blank
E - Estimated
H - Holding Time
C - Laboratory not accredited for this parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
J - Analyte detected below quanititation limits

Report of Laboratory Analysis

CLIENT:	EPS Environmental Services	**Client Sample ID:**	GP-4 @ 6'
Lab Order:	02070064	**Report Date:**	7/19/02
Project:	319 E Illinois St., Chgo / 4290-0602	**Collection Date:**	7/1/02
Lab ID:	02070064-04	**Matrix:**	Soil

Analyses	Result	EMT Reporting Limit		Units	Date Analyzed	Analyst
Corrosivity by pH		**Method:**	**SW9045C**			
pH	8.13			pH Units	7/3/02 11:53:17 AM	VT
Percent Moisture		**Method:**	**2540G**			
Percent Moisture	5.77	0.1	C	% (Percent)	7/3/02	RM2
ICP Metals Solids Total		**Method:**	**SW6010B**			
Barium	14.1	0.35		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Cadmium	< 0.613	0.613		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Chromium	3.43	1.4		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Lead	30.7	3.68		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Silver	< 1.4	1.4		mg/Kg-dry	7/8/02 10:37:28 AM	MLB
Mercury in Solid		**Method:**	**SW7471A**			
Mercury	0.146	0.0723		mg/Kg-dry	7/9/02	ES
Metals by GFAA Total		**Method:**	**SW7060A**			
Arsenic	2.59	0.309		mg/Kg-dry	7/8/02 12:39:56 PM	IG
Metals by GFAA Total		**Method:**	**SW7740**			
Selenium	< 0.46	0.46		mg/Kg-dry	7/8/02 3:06:20 PM	IG
Polynuclear Aromatic Hydrocarbons		**Method:**	**SW8310**			
Acenaphthene	0.0612	0.0177		mg/Kg-dry	7/9/02	LBI
Acenaphthylene	< 0.0224	0.0224		mg/Kg-dry	7/9/02	LBI
Anthracene	0.155	0.0195		mg/Kg-dry	7/9/02	LBI
Benz(a)anthracene	0.38	0.00979		mg/Kg-dry	7/9/02	LBI
Benzo(a)pyrene	0.427	0.0203		mg/Kg-dry	7/9/02	LBI
Benzo(b)fluoranthene	0.346	0.0062		mg/Kg-dry	7/9/02	LBI
Benzo(g,h,i)perylene	0.246	0.0105		mg/Kg-dry	7/9/02	LBI
Benzo(k)fluoranthene	0.199	0.00573		mg/Kg-dry	7/9/02	LBI
Chrysene	0.372	0.00984		mg/Kg-dry	7/9/02	LBI
Dibenz(a,h)anthracene	0.0377	0.00536		mg/Kg-dry	7/9/02	LBI
Fluoranthene	0.858	0.00698		mg/Kg-dry	7/9/02	LBI
Fluorene	0.0872	0.0129		mg/Kg-dry	7/9/02	LBI
Indeno(1,2,3-cd)pyrene	0.161	0.0089		mg/Kg-dry	7/9/02	LBI
Naphthalene	0.0716	0.0235		mg/Kg-dry	7/9/02	LBI
Phenanthrene	0.639	0.018		mg/Kg-dry	7/9/02	LBI
Pyrene	0.816	0.0158		mg/Kg-dry	7/9/02	LBI
Surrogates:						
4-Terphenyl-d14	90.7	30-140		%REC	7/9/02	LBI
7,12-Dimethylbenz(a)anthracene	71.5	30-130		%REC	7/9/02	LBI

Qualifiers:

B - Analyte detected in the associated Method Blank
E - Estimated
H - Holding Time
C - Laboratory not accredited for this parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits

Report of Laboratory Analysis

CLIENT:	EPS Environmental Services	**Client Sample ID:**	GP-4 @ 6'
Lab Order:	02070064	**Report Date:**	7/19/02
Project:	319 E Illinois St., Chgo / 4290-0602	**Collection Date:**	7/1/02
Lab ID:	02070064-04	**Matrix:**	Soil

Analyses	Result	EMT Reporting Limit		Units	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS		**Method: SW8260B**				
1,1,1,2-Tetrachloroethane	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,1,1-Trichloroethane	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,1,2,2-Tetrachloroethane	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,1,2-Trichloroethane	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,1-Dichloroethane	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,1-Dichloroethene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,1-Dichloropropene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,2,3-Trichlorobenzene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,2,3-Trichloropropane	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,2,4-Trichlorobenzene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,2,4-Trimethylbenzene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,2-Dibromo-3-chloropropane	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,2-Dibromoethane	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,2-Dichlorobenzene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,2-Dichloroethane	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,2-Dichloropropane	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,3,5-Trimethylbenzene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,3-Dichlorobenzene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,3-Dichloropropane	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
1,4-Dichlorobenzene	< 0.00463	0.00463	C	mg/Kg-dry	7/9/02 3:38:00 PM	GO
2,2-Dichloropropane	< 0.00463	0.00463	C	mg/Kg-dry	7/9/02 3:38:00 PM	GO
2-Butanone	< 0.0463	0.0463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
2-Chlorotoluene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
2-Hexanone	< 0.0463	0.0463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
4-Chlorotoluene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
4-Isopropyltoluene	< 0.00463	0.00463	C	mg/Kg-dry	7/9/02 3:38:00 PM	GO
4-Methyl-2-pentanone	< 0.0463	0.0463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Acetone	0.165	0.111		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Benzene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Bromobenzene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Bromochloromethane	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Bromodichloromethane	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Bromoform	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Bromomethane	< 0.00926	0.00926		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Carbon disulfide	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Carbon tetrachloride	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Chlorobenzene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO

Qualifiers:

B - Analyte detected in the associated Method Blank
E - Estimated
H - Holding Time
C - Laboratory not accredited for this parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits

Report of Laboratory Analysis

CLIENT:	EPS Environmental Services	**Client Sample ID:**	GP-4 @ 6'
Lab Order:	02070064	**Report Date:**	7/19/02
Project:	319 E Illinois St., Chgo / 4290-0602	**Collection Date:**	7/1/02
Lab ID:	02070064-04	**Matrix:**	Soil

Analyses	Result	EMT Reporting Limit		Units	Date Analyzed	Analyst
Chloroethane	< 0.00926	0.00926		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Chloroform	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Chloromethane	< 0.00926	0.00926		mg/Kg-dry	7/9/02 3:38:00 PM	GO
cis-1,2-Dichloroethene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
cis-1,3-Dichloropropene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Dibromochloromethane	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Dibromomethane	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Dichlorodifluoromethane	< 0.00926	0.00926		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Ethylbenzene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Hexachlorobutadiene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Isopropylbenzene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
m,p-Xylene	< 0.00926	0.00926		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Methylene chloride	< 0.00926	0.00926		mg/Kg-dry	7/9/02 3:38:00 PM	GO
n-Butylbenzene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
n-Propylbenzene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Naphthalene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
o-Xylene	< 0.00463	0.00463	C	mg/Kg-dry	7/9/02 3:38:00 PM	GO
sec-Butylbenzene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Styrene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
tert-Butylbenzene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Tetrachloroethene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Toluene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
trans-1,2-Dichloroethene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
trans-1,3-Dichloropropene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Trichloroethene	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Trichlorofluoromethane	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Vinyl chloride	< 0.00463	0.00463		mg/Kg-dry	7/9/02 3:38:00 PM	GO
Surrogates:						
1,2-Dichloroethane-d4	104	66-126		%REC	7/9/02 3:38:00 PM	GO
4-Bromofluorobenzene	116	60-122		%REC	7/9/02 3:38:00 PM	GO
d4-1,2-Dichlorobenzene	93.0	66-121		%REC	7/9/02 3:38:00 PM	GO
Dibromofluoromethane	92.8	65-124		%REC	7/9/02 3:38:00 PM	GO
Fluorobenzene	92.0	65-134		%REC	7/9/02 3:38:00 PM	GO
Toluene-d8	90.2	65-131		%REC	7/9/02 3:38:00 PM	GO

Qualifiers:

B - Analyte detected in the associated Method Blank
E - Estimated
H - Holding Time
C - Laboratory not accredited for this parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits

ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

Chain of Custody Record

TURNARAOUND TIME:
☐ RUSH
____ day turnaround
☒ ROUTINE

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203

847-967-6666
FAX: 847-967-6735
www.emt.com

Due Date: ____-____-____ COC #: 11207

Company:
Address:
Phone #: (____) ____-____ Fax #: (____) ____-____
P.O. #: Proj. #: ____-____
Client Contact:
Project ID / Location:

Sample Type:
1. Waste Water 4. Sludge 7. Groundwater (filtered)
2. Drinking Water 5. Oil 8. Other
3. Soil 6. Groundwater ____

Container Type:
P - Plastic V - VOC Vial O - Other
G - Glass B - Tedlar Bag ____

Preservative:
1. None 4. NaOH 7. Zn Ace
2. H_2SO_4 5. HCl 8. Other
3. HNO_3 6. MeOH ____

Analyses

EMT USE ONLY

EMT WORKORDER #____

Sample I.D.	Sample Type	Container			Sampling					Preservation													
		Size	Type	No.	By	Date	Time	pH	Temp.	Field	Lab												

Relinquished By:	Date: - - Time: :	Received By:	Date: - - Time: :	EMT USE ONLY Client Code:
Relinquished By:	Date: - - Time: :	Received By:	Date: - - Time: :	EMT Project I.D.
Relinquished By:	Date: - - Time: :	Received For Lab By:	Date: - - Time: :	Jar Lot No.

☐ SAMPLE RECEIVED ON ICE

☐ TEMPERATURE
(Must be recorded if sampling was greater than 6 hrs. prior to sample receipt)

EMT SAMPLE RETURN POLICY ON BACK

SPECIAL INSTRUCTIONS:

APPENDIX C

Comparison Table

TABLE ONE

VOCs/PNAs Soil Comparison Chart 315 East Illinois Street Chicago, Illinois Residential EPS Project #: 4290-0602	Values for Soil Residential Ingestion (mg/kg)	 Inhalation (mg/kg)	Migration to Groundwater Ingestion Exposure Route Value Class I (mg/kg)	 Class II (mg/kg)	Sample Results, mg/kg			
Sample ID					GP-1/4'	GP-2/12'	GP-3/8'	GP-4/6'
Sample Date					7/1/02	7/1/02	7/1/02	7/1/02
Constituant								
Acetone	7800	100000	16	16	<0.128	0.287	<0.131	0.165
Carbon disulfide	7800	720	32	160	0.0758	0.0337	<0.00544	<0.00463
Acenapthene	4700	----	570	2900	0.355	14.8	0.195	0.0612
Acenapthylene	----	----	----	----	<0.0235	<1.06	<0.0258	<0.0224
Anthracene	23000	----	12000	59000	0.725	23.1	0.827	0.155
Benzo (a) anthracene	0.9	----	2	8	**1.04**	**30.5**	**2.28**	0.38
Benzo (a) pyrene	0.09	----	8	82	**0.95**	**17.4**	**2.07**	**0.427**
Benzo (b) fluoranthene	0.9	----	5	25	0.874	19.5	2.4	0.346
Benzo (g,h,I) perylene	----	----	----	----	0.639	8	1.47	0.246
Benzo (k) fluoranthene	9	----	49	250	0.455	8.35	1.21	0.199
Chrysene	88	----	160	800	0.975	26.3	2.4	0.372
Fluoranthene	3100	---	4300	21000	0.0997	115	5.33	0.858
Fluorene	3100	---	560	2800	0.637	18.5	0.265	0.0872
Indeno(1,2,3-cd) pyrene	0.9	---	14	69	0.479	**6.38**	1.08	0.161
Napthalene	1600	170	12	1.8	0.646	***3.38***	0.16	0.0716
Phenanthrene	----	----	----	----	2.72	95.7	3.12	0.639
Pyrene	2300	----	4200	21000	NA	NA	2.96	0.816

Bold = concentrations above ingestion and/or groundwater SROs

Bold/Italics = concentrations above construction worker safety

all concentrations expressed in parts per million

---- = No toxicity criteria available for this route of exposure

TABLE TWO

RCRA Metals in Soil **319 East Illinois Street** **Chicago, IL** **Residential Land Use** **EPS Project #: 4290-0602**	Residential		Migration to Groundwater Ingestion Exposure Route Value pH Specific for Class I Groundwater				Background Values counties within metropolitan statistical areas	Sample Results, mg/kg			
	Ingestion (mg/kg)	Inhalation (mg/kg)	7.25-7.74	7.75-8.24	8.25-8.74	8.75-9.0					
Sample ID								GP-1/4'	GP-2/12'	GP-3/8'	GP-4/6'
Sample Date								7/1/02	7/1/02	7/1/02	7/1/02
Constituant											
Arsenic	13	750	30	31	32	33	13	3.12	11.5	12.1	2.59
Barium	5,500	690,000	1800	1800	----	----	110	212	568	52.6	14.1
Cadmium	78	1,800	59	430	----	----	0.6	<0.624	2.71	<0.687	<0.613
Chromium	230	270	32	28	24	21	16.2	3.65	12.8	3.66	3.43
Lead	400	----	----	----	----	----	36	19.9	**809/8.57***	123	30.7
Mercury	23	10	6.4	8	----	----	0.06	0.0993	1.04	0.617	0.146
Selenium	390	----	3.3	2.4	1.8	1.3	0.48	1	<0.277	0.195	0.238
Silver	390	----	39	110	----	----	0.55	1.44	0.776	0.941	<0.46
pH	----	----	----	----	----	----	----	9.76	7.7	8.25	8.13

Notes:

all concentrations expressed in parts per million

---- = No toxicity criteria available for this route of exposure

* = TCLP analysis

Bold = above Tier 1 SROs & Hazardous as defined by RCRA